2	121	(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)	USPAT	2004/06/03 10:19
2		or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)	1	
2				
2		or carbonate or isopropanol or ethanol) and (alkaline or pH)) not		
•		((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		
	49	or soygold) same (sulfonate or sulfonated or sulfonation))		
4	49	((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	USPAT	2004/06/03 10:17
		or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)		
	1	or carbonate or isopropanol or ethanol) and (alkaline or pH)) not		
		((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		
		or soygold) same (sulfonate or sulfonated or sulfonation))) and ((methyl		
	34	adj ester) same (perfume or water))		
	34	((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	USPAT	2004/06/03 10:15
	1	or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)		
	1	or carbonate or isopropanol or ethanol) and (alkaline or pH)) not	1	
	1	((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		
		or soygold) same (sulfonate or sulfonated or sulfonation))) and ((methyl	1	
	27	adj ester) same (glucamine))		
	27	(((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or	USPAT	2004/06/03 10:15
	1	soyoil)) or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol		
	1	near3 ether) or carbonate or isopropanol or ethanol) and (alkaline or pH))		
		not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or		
		soyoil)) or soygold) same (sulfonate or sulfonated or sulfonation))) and		
	İ	((methyl adj ester) same (perfume or water))) not ((((((methyl adj ester)	ĺ	
		near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) and		
		(510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether) or carbonate or		
	1	isopropanol or ethanol) and (alkaline or pH)) not ((((methyl adj ester)		ĺ
		near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) same		
		(sulfonate or sulfonated or sulfonation))) and ((methyl adj ester) same		
	61	(glucamine)))		
	01	((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	USPAT	2004/06/03 10:17
	1	or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)		
	ļ	or carbonate or isopropanol or ethanol) and (alkaline or pH)) not	i	
		((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		
		or soygold) same (sulfonate or sulfonated or sulfonation))) and ((methyl	1	
	18	adj ester) same (reacted or reaction))		
	10	((((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or	USPAT	2004/06/03 10:17
		soyoil)) or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol		
		near3 ether) or carbonate or isopropanol or ethanol) and (alkaline or pH))		
		not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or		
	ŀ	soyoil)) or soygold) same (sulfonate or sulfonated or sulfonation))) and		
		((methyl adj ester) same (perfume or water))) not ((((((methyl adj ester)		
	! !	near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) and		i
		(510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether) or carbonate or		
		isopropanol or ethanol) and (alkaline or pH)) not ((((methyl adj ester)		
		near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) same		
		(sulfonate or sulfonated or sulfonation))) and ((methyl adj ester) same		1
		(glucamine)))) not (((((((methyl adj ester) near4 ((fatty adj acid) or soy or		
		soybean or soyoil)) or soygold) and (510/\$).ccls.) and (510/\$).ccls. and		1 1
		((glycol near3 ether) or carbonate or isopropanol or ethanol) and (alkaline		
		or pH)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean		
		or soyoil)) or soygold) same (sulfonate or sulfonated or sulfonation)))		
	82	and ((methyl adj ester) same (reacted or reaction)))		
	82	(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	USPAT	2004/06/03 10:26
	1	or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)		
	1	or carbonate or isopropanol or ethanol) and (alkaline or pH)) not		
	İ	((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		1
		or soygoid) neare (sulfonate or sulfonated or sulfonation or sulfo or		
	i i	glucamine or reaction or reacted))		
		(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	USPAT	2004/06/03 10:33
	80			
		or soygoid) and (510/\$),ccls.) and (510/\$) ccls, and ((alycol near) ather)		1
		or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether) or carbonate or isopropanol or ethanol) and (alkaline or nH)) not		
		or Soygoid) and (510/S).ccls.) and (510/S).ccls. and ((glycol near3 ether) or carbonate or isopropanol or ethanol) and (alkaline or pH)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		
		or soygoid) and (510/\$),ccls.) and (510/\$) ccls, and ((alycol near) ather)		

9	80	((((mathuladi actor) magn4 ((fetteredi edi)	Trian	
	av	or soygold or 65-P) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether) or carbonate or isopropanol or ethanol) and (alkaline or pH)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo	USPAT	2004/06/03 14:00
10	2	or glucamine or reaction or reacted or alkylglycamine)) ("6,727,830").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/03 12:40
11	405	(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold or 65-P)) and ((glycol near3 ether) or carbonate or isopropanol or ethanol) and (alkaline or pH)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or ethoxy or alkoxy or alkoxylated)	USPAT	2004/06/03 14:02
12	544	((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold or 65-P)) and ((glycol near3 ether) or carbonate or isopropanol or ethanol)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulf	USPAT	2004/06/03 15:48
13	172	(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold or 65-P or (dibasic adj ester)) and ((glycol near3 ether) or carbonate or isopropanol or ethanol)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonated or sulfonated or sulfonate or alkylglycamine or methylglucamine or alkoxylate or ethoxylor alkoxy or alkoxy or alkoxy or alkoxylated)) and 510/\$.ccls.	USPAT	2004/06/03 14:07
14	167	((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold or 65-P or (dibasic adj ester))) and ((glycol near3 ether) or carbonate or isopropanol or ethanol)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or reacting or alkylglycamine or methylglucamine or alkoyalyte or	USPAT	2004/06/03 15:22
15	179	ethoxylate or ethoxy or alkoxylated)) and 510/\$.ccls. (((((((((((((((((((((((((((((((((((USPAT	2004/06/03 15:24
16		((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold or 65-P or (dibasic adj ester))) and ((glycol near3 ether) or carbonate or isopropanol or ethanol)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or reacting or alkyglycamine or methylglucamine or alkoxylate or ethoxylate or soyoil)) or soygold or 65-P or (dibasic adj ester)) and ((glycol near3 ether) or carbonate or isopropanol or ethanol)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or reacting or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or ethoxy or alkoxy or	USPAT	2004/06/03 15:24

17	100	(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold or 65-P) and ((glycol near3 ether) or carbonate or isopropanol or ethanol) not (((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or ethoxy or alkoxy or alkoxylated)) and surfactant and (alkaline or pH) and	USPAT	2004/06/03 15:53
18	39	(detergent or cleaner or cleaning or clean)	USPAT	2004/06/03 15:49
		or sulfonation or sulfo or glucamine or reaction or reacted or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or		
19	9	or alkoxy or alkoxylated)) and 510/\$.ccls.) (((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	LIGHT 1 TO	
		or soygold or 65-P)) and ((glycol near3 ether) or carbonate or isopropanol or ethanol)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reacted or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or ethoxy or alkoxylated)) and surfactant and (alkaline or pH) and (252% ccls.)	USPAT	2004/06/03 15:55
20	79	(((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold or 65-P) and ((glycol near3 ether) or carbonate or isopropanol or ethanol or glycol or ketone or methanol or builder or alkaline) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or alkylglycamine or methylglucamine or alkoxylate or ethoxy are or ethoxy or alkoxy or alkoxylated)) and surfactant and (alkaline or pH) and (510% ccls.)	USPAT	2004/06/03 17:04
21	95	(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil or tallow or coconut or lauryl or lauric or stearic or stearyl)) or soygold or 65-P)) and ((glycol near3 ether) or carbonate or isopropanol or ethanol or glycol or ketone or methanol or builder or alkaline)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glycamine or reaction or reacted or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or ethoxy or alkoxy or alkoxylated)) and surfactant and (alkaline or pH) and (510/8.ccls.)	USPAT	2004/06/03 17:09
22		(((((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil or tallow or coconut or lauryl or lauric or stearic or stearyl)) or soygold or 65-P)) and (((glycol near3 ether) or carbonate or isopropanol or ethanol or glycol or ketone or methanol or builder or alkaline)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or ethoxylate or ethoxylate or ethoxylate or ethoxylate or soyoil)) or soygold or 65-P or (dibasic adj ester)) and ((glycol near3 ether)) or carbonate or isopropanol or ethanol)) not ((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted or reacting or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or ethoxy or alkoxy or alkoxylated)) and ((510%.ccls.)) r 134%.ccls.))	USPAT	2004/06/03 17:05

23	11		USPAT	2004/06/03 17:1
	1	tallow or coconut or lauryl or lauric or stearic or stearyl)) or soygold or	1	
		65-P or (methyl adj (cocoate or tallowate or sunflowerate)))) and		
	1	((glycol near3 ether) or carbonate or isopropanol or ethanol or glycol or ketone or methanol or builder or alkaline)) not ((((methyl adj ester) near	. 1	
		((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate	•	
		or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted	; [
		or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or	ļ	
	1	ethoxy or alkoyy or alkoyylated)) and application of alkoyylate or	İ	
		ethoxy or alkoxy or alkoxylated)) and surfactant and (alkaline or pH) and (510/\$.ccls.)		
24	46		1	
	"		USPAT	2004/06/03 17:10
		or tallow or coconut or lauryl or lauric or stearic or stearyl)) or soygold or 65-P or (methyl adj (cocoate or tallowate or sunflowerate)))) and	1	
		((glycol near3 ether) or carbonate or isopropanol or ethanol or glycol or		
	1	ketone or methanol or builder or alkaline)) not ((((methyl adj ester) near4		
		((fatty adj acid) or soy or soybean or soyoil)) or soygold) near6 (sulfonate		
		or sulfonated or sulfonation or sulfo or glucamine or reaction or reacted		
		or alkylglycamine or methylglucamine or alkoxylate or ethoxylate or		
		ethoxy or alkoxy or alkoxylated)) and surfactant and (alkaline or pH) and		
		(510/\$.ccls.)) not ((((((methyl adj ester) near4 ((fatty adj acid) or soy or		
		soybean or soyoil)) or soygold or 65-P or (dibasic adj ester)) and		
		((glycol near3 ether) or carbonate or isopropanol or ethanol)) not		
	1	((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		
		or soygold) near6 (sulfonate or sulfonated or sulfonation or sulfo or		
	i	glucamine or reaction or reacted or reacting or alkylglycamine or	1	
		methylglucamine or alkoxylate or ethoxylate or ethoxy or alkoxy or	1	
	i	alkoxylated)) and (510/\$.ccls. or 134/\$.ccls.))		1
	20	((carpet or upholstery) and (alkaline) and (builder) and ((glycol adjether)	USPAT;	2004/06/01 12:48
	1	or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj	US-PGPUB;	2004/00/01 12.40
	}	ester) or (dibasic adj ester)))	EPO; JPO;	
			DERWENT;	
			IBM TDB	
	16		USPAT	2004/06/01 12:57
	1	or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj		
	١.	ester) or (dibasic adj ester)))		
	3	(("5968202") or ("6150318") or ("5789371")).PN.	USPAT	2004/06/01 12:50
	7642		USPAT	2004/06/01 13:33
	0.00	acid adj alkyl adj ester) or (dibasic adj ester)))		
	969	((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj	USPAT	2004/06/01 12:59
	252	acid adj alkyl adj ester) or (dibasic adj ester)))) and 510/\$.ccls.		1
	352	(((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj	USPAT	2004/06/01 13:23
		acid adj alkyl adj ester) or (dibasic adj ester)))) and 510/\$.ccls.) and		1
	9	surfactant and (fabric or upholstery or carpet)		
		(("5846923") or ("5783554") or ("5160450") or ("5968202") or	USPAT	2004/06/01 13:28
1	1	("6303563") or ("6290732") or ("6150318") or ("4828746") or ("4798679")).PN.		
	7		****	
	·	(((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))) and ((("5846923") or	USPAT;	2004/06/01 13:28
		("5783554") or ("5160450") or ("5968202") or ("6303563") or	US-PGPUB;	
j		("6290732") or ("6150318") or ("4828746") or ("4798679")).PN.)	EPO; JPO;	
		() or (0130318) or (4028/40") or ("4/98679")),PN.)	DERWENT;	
i	881	(fatty adj acid adj2 ester) near5 (reaction or product)	IBM_TDB	
		((fatty adj acid adj2 ester) near5 (reaction or product) (reaction or product) (adj acid adj2 ester) near5 (reaction or product) (fatty adj acid adj2 ester) near5 (reaction or product)	USPAT	2004/06/01 13:34
	110		USPAT	2004/06/01 13:35
	771	((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj acid adj2 ester) near5 (reaction or product)) not ((fatty adj2 ester) near5 (reaction or	LICDATE	000400610
		((fatty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid	USPAT	2004/06/01 13:35
		((fatty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$ ccls)		
	771	((fatty adj acid adj2 ester) near5 (reaction or product) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$.ccls.) ((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj	USPAT USPAT	2004/06/01 13:35 2004/06/01 13:35
	771	((fatty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$.ccis.) ((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj acid adj2		
	771	((fatty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$.ccls.) ((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester))))) not ((fatty adj acid adj2 ester) near5 (reaction or product)) (((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj2))	USPAT	2004/06/01 13:35
	771 7167	((fatty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$.ccls.) ((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester))))) not ((fatty adj acid adj2 ester) near5 (reaction or product)) (((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj2))		
	771 7167	((fatty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$.ccis.) ((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj acid adj2 ester) near5 (reaction or product)) (((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj acid adj2 ester) near5 (reaction or product))) and 510/\$ cster)	USPAT	2004/06/01 13:35
	771 7167	(((atty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$.ccls.) ((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj acid adj2 ester) near5 (reaction or product)) (((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))))))))))))))))))))))))))))))))))	USPAT	2004/06/01 13:35 2004/06/01 13:36
	771 7167 894	((fatty adj acid adj2 ester) near5 (reaction or product)) not (((fatty adj acid adj2 ester) near5 (reaction or product)) and 510/\$.ccis.) ((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj acid adj2 ester) near5 (reaction or product)) ((((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj acid adj ester))) not ((fatty adj acid adj ester))) not ((fatty adj acid adj2 ester))) not ((fatty adj acid adj2))	USPAT	2004/06/01 13:35

-	4	(((((((g.) cor adj enter) or enter) and ((latty adj acid adj ester) or (latty adj	USPAT	2004/06/01 13:37
1		acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj acid adj2		
		ester) near5 (reaction or product))) and 510/\$.ccls.) and (glycol adjether)) and (fatty adj acid adjester adj sulfonate)		
1 -	140	(((((((glycol adj ether) or ether) and ((fatty adj acid adj ester) or (fatty adj	LICDATE	2004/05/02
	140	acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj acid adj2	USPAT	2004/06/02 13:32
		ester) near5 (reaction or product))) and 510/\$.ccls.) and (glycol adj		
		ether)) not ((((((((glycol adj ether) or ether) and ((fatty adj acid adj ester)		
	İ	or (fatty adj acid adj alkyl adj ester) or (dibasic adj ester)))) not ((fatty adj		
		acid adj2 ester) near5 (reaction or product))) and 510/\$.ccls.) and (glycol		
	1	adj ether)) and (fatty adj acid adj ester adj sulfonate))		
-	26	(soy or soybean or soyoil) adj (methyl) adj ester	USPAT	2004/06/02 13:33
-	97	(methyl adj ester) near4 (soy or soybean or soyoil)	USPAT	2004/06/02 14:57
-	14	(("5846923") or ("5783554") or ("5160450") or ("4259215") or	USPAT	2004/06/02 14:48
		("5789371") or ("5914310") or ("6290732") or ("6290732") or	00	2004/00/02 14:40
		("6303563") or ("6121222") or ("6387856") or ("6172026") or		
		("5179201") or ("5968202") or ("6150318")).PN.		
-	0	((carpet or upholstery or fabric) and (alkaline or (high adj pH)) and	USPAT;	2004/06/02 14:49
	ĺ	(builder) and ((glycol adj ether) or ether) and ((fatty adj acid adj ester) or	US-PGPUB;	
		(fatty adj acid adj alkyl adj ester) or (dibasic adj ester)) and ((fatty adj	EPO; JPO;	
		acid adj ester) or (fatty adj acid adj alkyl adj ester)) and ((soybean adj oil	DERWENT;	
1		adj methyl adj ester) or (soy adj methyl adj ester) or (soy adj oil adj	IBM_TDB	
		methyl adj ester) or (soy adj gold) or (methyl adj ester adj of adj soybean)	1	
	1	or (soybean adj oil adj fatty adj acid adj methyl adj ester) or (methyl adj		
		ester adj of adj soybean adj oil) or soybean) and ((benzalkonium adj		
		chloride)) and ((propylene adj glycol) or (propylene adj glycol adj n-butyl		
_	0	adj ether)) and ((pyrophosphoric adj acid) or (polyphosphoric adj acid))) ((carpet or upholstery or fabric) and (alkaline or (high adj pH)) and	LIOD AT	
		(builder) and ((glycol adj ether) or ether) and ((fatty adj acid adj ester) or	USPAT;	2004/06/02 14:49
1.		(fatty adj acid adj alkyl adj ester) or (dibasic adj ester)) and ((fatty adj	US-PGPUB;	
		acid adj ester) or (fatty adj acid adj alkyl adj ester)) and ((soybean adj oil	EPO; JPO; DERWENT;	
		adj methyl adj ester) or (soy adj methyl adj ester) or (soy adj oil adj	IBM_TDB	
		methyl adj ester) or (soy adj gold) or (methyl adj ester adj of adj soybean)	IBM_IDB	
1		or (soybean adj oil adj fatty adj acid adj methyl adj ester) or (methyl adj		
		ester adj of adj soybean adj oil) or soybean) and ((benzalkonium adj		
		chloride)) and ((propylene adj glycol) or (propylene adj glycol adj n-butyl		
		adj ether)) and ((pyrophosphoric adj acid) or (polyphosphoric adj		
		acid))).ti,clm,ab.		
-	24	((carpet or upholstery or fabric) and ((glycol adj ether) or ether) and	USPAT:	2004/06/02 14:51
l i		((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic	US-PGPUB;	
		adj ester)) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj	EPO; JPO;	Ï
		ester)) and ((soybean adj oil adj methyl adj ester) or (soy adj methyl adj	DERWENT,	
! 1		ester) or (soy adj oil adj methyl adj ester) or (soy adj gold) or (methyl adj	IBM_TDB	
į l		ester adj of adj soybean) or (soybean adj oil adj fatty adj acid adj methyl	_	
į į		adj ester) or (methyl adj ester adj of adj soybean adj oil) or soybean) and		
		((benzalkonium adj chloride)) and ((propylene adj glycol) or (propylene		i
	132	adj glycol adj n-butyl adj ether)))		
] -	132	((carpet or upholstery or fabric) and ((glycol adj ether) or ether) and	USPAT;	2004/06/02 14:51
	İ	((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic	US-PGPUB;	
l i		adj ester)) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj	EPO; JPO;	
		ester)) and ((soybean adj oil adj methyl adj ester) or (soy adj methyl adj	DERWENT;	
		ester) or (soy adj oil adj methyl adj ester) or (soy adj gold) or (methyl adj ester adj of adj soybean) or (soybean adj oil adj fatty adj acid adj methyl	IBM_TDB	
		adj ester) or (methyl adj ester adj of adj soybean adj oil) or soybean) and		
	j	((propylene adj glycol) or (propylene adj glycol adj n-butyl adj ether))		
-	11931	(soy or soybean) same (ether or chloride)	USPAT:	2004/06/02 14:51
		() (chief of emoride)	US-PGPUB;	2004/06/02 14:51
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
			ם מתו ביים:	

•	31	(((carpet or upholstery or fabric) and ((glycol adj ether) or ether) and	USPAT;	2004/06/02 14:54
		((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic	US-PGPUB:	2004/00/02 14.34
		adj ester)) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj	EPO; JPO;	
		ester)) and ((soybean adj oil adj methyl adj ester) or (soy adj methyl adj	DERWENT:	
		ester) or (soy adj oil adj methyl adj ester) or (soy adj gold) or (methyl adj	IBM TDB	
		ester adj of adj soybean) or (soybean adj oil adj fatty adj acid adj methyl		
		adj ester) or (methyl adj ester adj of adj soybean adj oil) or soybean) and		
		((propylene adj glycol) or (propylene adj glycol adj n-butyl adj ether))))		
		and ((soy or soybean) same (ether or chloride))	İ	
-	49	(((carpet or upholstery or fabric) and ((glycol adj ether) or ether) and	USPAT;	2004/06/02 14:54
		((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj ester) or (dibasic	US-PGPUB;	
		adj ester)) and ((fatty adj acid adj ester) or (fatty adj acid adj alkyl adj	EPO; JPO;	
	1	ester)) and ((soybean adj oil adj methyl adj ester) or (soy adj methyl adj	DERWENT;	
		ester) or (soy adj oil adj methyl adj ester) or (soy adj gold) or (methyl adj	IBM_TDB	
		ester adj of adj soybean) or (soybean adj oil adj fatty adj acid adj methyl	_	
		adj ester) or (methyl adj ester adj of adj soybean adj oil) or soybean) and		
		((propylene adj glycol) or (propylene adj glycol adj n-butyl adj ether)))) and 510/\$.ccls.		
-	7	(((methyl adj ester) near4 (soy or soybean or soyoil)) or soygold) and (510/118 or 510/365 or 510/174),ccls.	USPAT	2004/06/02 14:59
-	7	(((methyl adj ester) near4 (soy or soybean or soyoil)) or soygold) and	USPAT	2004/06/02 15:02
		(510/118 or 510/365 or 510/174 or 510/170).ccls.	00	2004/00/02 15:02
-	261	(((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or	USPAT	2004/06/02 15:11
		soygold) and (510/\$).ccls.		
-	189	((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	USPAT	2004/06/02 15:11
		or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)		
		or carbonate or isopropanol or ethanol) and (alkaline or pH)		
-	149	(((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil)) or	USPAT	2004/06/02 15:10
		soygold) same (sulfonate or sulfonated or sulfonation)		
-	121	(((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))	USPAT	2004/06/03 10:08
		or soygold) and (510/\$).ccls.) and (510/\$).ccls. and ((glycol near3 ether)	ĺ	
		or carbonate or isopropanol or ethanol) and (alkaline or pH)) not		
		((((methyl adj ester) near4 ((fatty adj acid) or soy or soybean or soyoil))		
		or soygold) same (sulfonate or sulfonated or sulfonation))		1